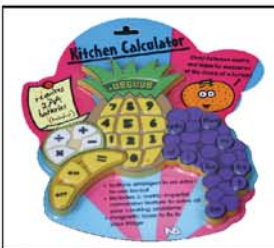


# West Midlands Digital D&T Support Centre

## Rapid Prototyping Projects for KS3 & 4



The West Midlands Digital D&T Support Centre has been funded to develop the use of rapid prototyping technology in Design and Technology using a newly acquired Dimension BST 3D printer. The falling costs associated with 3D printing means that this technology is becoming a cost-effective reality for a growing number of schools. By keeping projects small scale, the cost becomes viable for large numbers of students to design and make high quality products.



### COURSE INFORMATION:

This course is designed to give teachers experience of using the Dimension BST 3D printer and to suggest ways in which teachers can effectively use it for the benefit of their students without incurring high costs. The focus will be on enclosing electronic circuits, using readily available kits from a variety of suppliers including a digital watch/clock module, a simple LED torch and USB flash memory.

**TARGET AUDIENCE:** Teachers, trainee teachers and technicians with some experience of using Pro/DESKTOP® / Pro/ENGINEER® and/or electronics who would like to develop curriculum materials for Design and Technology using rapid prototyping.

### DATES:

**Day One** – Saturday 6th December 2008

**Day Two** – Saturday 13th December 2008

**TIME:** Arrive 9.15pm  
Start 9.30pm  
Finish 4.00pm

**VENUE:** Finham Park School Mathematics and Computing College, Green Lane, Coventry, CV3 6EA

**Places Available:** 8

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